

# CURRICULUM

## 2020 Census Redistricting Data

### How to access the P.L. 94-171 Redistricting Files on the Census Bureau's

#### Part 1

##### **Introduction:**

In this introduction your instructors explain what will be covered in this course.

<https://youtu.be/pH45pwxtjbQ>

##### **Lesson 1: What is Redistricting? The 2020 Census and the Redistricting Data Program**

Learn brief background information on the 2020 Census, how it relates to redistricting, and the purpose of the Redistricting Data Program. Then we review the five phases of the Redistricting Data Program to provide an understanding of how the Census Bureau complies with Public Law 94-171 to provide the data they needed to perform redistricting.

<https://youtu.be/vFN4Tcpc-ck>

##### **Lesson 2: Understanding the Data. What are the P.L. 94-171 Data Files, Topics, and Geographies?**

By the end of this lesson, you will understand what data is available in the redistricting data files. We will go over the subjects (or topics) in detail and list the available geographies and geographic support products. Discover the uses for redistricting data by state and local governments as well as other potential uses for redistricting data.

[https://youtu.be/QXyC2h\\_eDiE\\_](https://youtu.be/QXyC2h_eDiE_)

##### **Lesson 3: Data Resources**

To wrap up part one of this course, you will learn where to find more information and about additional sources to the FTP for accessing redistricting data. You will also learn about the software and hardware you may need to complete your analysis of data.

<https://youtu.be/ZtRbMKqvcQQ>

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#### Part 2

##### **Lesson 4: Accessing the Data**

In this lesson you will learn where to find the complete P.L. 94-171 Redistricting Data Files for all states, ready for download. You will also learn about the critical resources available to help you in successfully accessing and using these data. Last, you learn about the Prototype Data – Legacy Summary File (2020 Style) that will be used for a demonstration in this course.

<https://youtu.be/6DbUIOc97m0>

##### **Lesson 5: Downloading the Files**

In this lesson you will learn two critical steps:

1. How to download the Redistricting Data Files and the Microsoft Access Database Shell.
2. How to get your files ready to be imported into the database.

<https://youtu.be/OUVUII4Avbk>

##### **Lesson 6: Importing to Build Your Database**

In this lesson we will demonstrate step-by-step how to import the Redistricting Data Files to build your database.

<https://youtu.be/WGDG14gzcnk>

##### **Lesson 7: Using Queries to Extract the Data**

In this lesson we will demonstrate how to extract the Redistricting Data Files using the pre-created queries. You will also learn how to customize the queries to extract data for different geographies and topics. Last, we will show you how to export the data.

<https://youtu.be/dREe1R-KEVg>

##### **Lesson 8: Setting Up for Analysis**

In this lesson we help you get ready to analyze your data. We will go over some critical elements of your table and share some tips about how to work with the metadata and how to create a simple data visualization.

<https://youtu.be/ci8hODalivQ>